ABSTRACT

A rolling angle control device 21 is disposed to provide the rolling angle control device for a remote-controlled two-wheeled vehicle so as to facilitate the control of the vehicle by an operator and stabilize the posture of the remote-controlled two-wheeled vehicle in a wide speed range.

The rolling angle control device 21 is provided with a rolling angle detection means 35 to detect a rolling angle of a vehicle main body, a steering actuator 13 to apply a right- or left-rotational torque to a steering shaft or a front fork, a control means 29 that outputs an operation amount for the steering actuator based on a rolling angle detection value and a rolling angle target value from a remote control receiver so as to bring the rolling angle detection value closer to the rolling angle target value, and a steering angle detection means 50 for detecting to which at least the neutral point as a boundary the steering angle is turned left or right, wherein a caster effect control means 51 is configured such that the control means 29 controls so that a signal is applied to an operation amount for the steering actuator as follows; when a steered angle detected by the steering angle detection means is in the right direction, the right-rotational torque is applied, and, when a steered angle detected by the steering angle detection